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Serial Number: 10/622184

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Inventor Information for 10/622184

Inventor Name	City	State/Country
ALT, ECKHARD	MUNICH	GERMANY

Appln Info	Contents	Petition Info	Atty/Agent Info	Continuity Data	Foreign Data
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US 20050288726 A1	US- PGPUB	20051229	21	Method and device for using impedance measurements based on electrical energy of the heart	607/17	600/547	Gollasch, Maik et al.
US 20050226855 A1	US- PGPUB	20051013		Method and instrumentation for control of stem cell injection into the body	424/93.7	604/500	Alt, Eckhard et al.
US 20050137480 A1	US- PGPUB	20050623		Remote control of implantable device through medical implant communication service band	600/508		Alt, Eckhard et al.
US 20050079161 A1	US- PGPUB	20050414		Transluminal application of adult stem cells for body organ tissue repair	424/93.7	604/500	Alt, Eckhard
US 20040254632 A1	US- PGPUB	20041216		Vascular stent with composite structure for magnetic resonance imaging capabilities	623/1.15		Alt, Eckhard et al.
US 20040228800 A1	US- PGPUB	20041118		Non-invasive identification of patients at increased risk for myocardial infarction	424/9.52		Alt, Eckhard
US 20040186560 A1	US- PGPUB	20040923		Stent for bifurcated vessels	623/1.35	623/1.43	Alt, Eckhard
US 20040116819 A1	US- PGPUB	20040617		Congestive heart failure monitor and ventilation measuring implant	600/513	600/529; 600/547; 607/18	Alt, Eckhard
US 20040048375 A1	US- PGPUB	20040311		Application of pluripotent stem cells for body organ tissue repair and venous capillary expansion	435/373	435/366	Alt, Eckhard
US 20040039438 A1	US- PGPUB	20040226		Vascular and endoluminal stents with multi-layer coating including porous radiopaque layer	623/1.15	623/1.39; 623/1.42	Alt, Eckhard
US 20040019376 A1	US- PGPUB	20040129		Stent device and method	623/1.42		Alt, Eckhard
US 20030220580 A1	US- PGPUB	20031127		Congestive heart failure monitor	600/547		Alt, Eckhard
US 20030088308 A1	US- PGPUB	20030508		Primarily niobium stent	623/1.15		Scheuermann, Torsten et al.
US 20020165607	US- PGPUB	20021107		Stent device and method	623/1.42		Alt, Eckhard

A1								
US 20020010504 A1	US-PGPUB	20020124		Tubular stent with oval struts	623/1.15			Alt, Eckhard
US 6829503 B2	USPAT	20041207		Congestive heart failure monitor	600/547			Alt; Eckhard
US 6805860 B1	USPAT	20041019		Method of transluminal application of myogenic cells for repair or replacement of heart tissue	424/93.7	604/508; 604/509; 604/510; 604/522		Alt; Eckhard
US 6767360 B1	USPAT	20040727		Vascular stent with composite structure for magnetic resonance imaging capabilities	623/1.15	623/1.27; 623/1.44		Alt; Eckhard et al.
US 6716237 B1	USPAT	20040406		Interventional shielded stent delivery system and method	623/1.11	606/108		Alt; Eckhard
US 6613083 B2	USPAT	20030902		Stent device and method	623/1.42			Alt; Eckhard
US 6580356 B1	USPAT	20030617		Advanced personal identification systems and techniques	340/5.8	340/10.41; 340/10.6; 340/5.61; 340/5.7; 340/5.81; 340/573.1; 342/357.07; 342/42; 342/44; 342/51; 713/182		Alt; Eckhard et al.
US 6478815 B1	USPAT	20021112		Vascular and endoluminal stents	623/1.15			Alt; Eckhard
US 6442425 B1	USPAT	20020827		Cardiac stimulator and defibrillator	607/4			Alt; Eckhard
US 6398805 B1	USPAT	20020604		Balloon expandable stent with low surface friction	623/1.15			Alt; Eckhard
US 6387121 B1	USPAT	20020514		Vascular and endoluminal stents with improved coatings	623/1.15			Alt; Eckhard
US 6370427 B1	USPAT	20020409		Method and apparatus for dual chamber bi-ventricular pacing and defibrillation	607/4	607/120; 607/121; 607/5; 607/9		Alt; Eckhard et al.
US 6327499 B1	USPAT	20011204		Cardiac stimulator and defibrillator	607/4			Alt; Eckhard
US 6251134 B1	USPAT	20010626		Stent with high longitudinal flexibility	623/1.16	606/194; 606/195; 606/198; 623/1.19; 623/1.2		Alt; Eckhard et al.

US 6249700 B1	USPAT	20010619	Defibrillator with improved hemodynamic response and enhanced myocardial stability	607/4	607/19	Alt; Eckhard
US 6245104 B1	USPAT	20010612	Method of fabricating a biocompatible stent	427/2.25	427/2.24; 623/1.15; 623/901	Alt; Eckhard
US 6238340 B1	USPAT	20010529	Composite materials for avoidance of unwanted radiation amplification	600/431	600/373; 600/433	Alt; Eckhard et al.
US 6217607 B1	USPAT	20010417	Premounted stent delivery system for small vessels	623/1.1	606/192; 623/1.46	Alt; Eckhard
US 6181967 B1	USPAT	20010130	Atrial defibrillator apparatus and method of use	607/5		Alt; Eckhard
US 6159237 A	USPAT	20001212	Implantable vascular and endoluminal stents	623/1.11	623/1.15	Alt; Eckhard et al.
US 6159142 A	USPAT	20001212	Stent with radioactive coating for treating blood vessels to prevent restenosis	600/3		Alt; Eckhard
US 6157859 A	USPAT	20001205	Upgradable implantable medical device with post-shock pacing and redraw functions	607/4		Alt; Eckhard
US 6099561 A	USPAT	20000808	Vascular and endoluminal stents with improved coatings	623/1.44	623/1.34; 623/1.39; 623/1.46	Alt; Eckhard
US 6096061 A	USPAT	20000801	Defibrillator with improved hemodynamic response and enhanced myocardial stability	607/4	607/19	Alt; Eckhard et al.
US 6080187 A	USPAT	20000627	Cardiac pacemaker with bidirectional communication	607/32		Alt; Eckhard et al.
US 6076014 A	USPAT	20000613	Cardiac stimulator and defibrillator with means for identifying cardiac rhythm disorder and chamber of origin	607/4	607/5	Alt; Eckhard
US 6073049 A	USPAT	20000606	Programmably upgradable implantable cardiac pacemaker	607/31	128/903; 607/59; 607/9	Alt; Eckhard et al.
US 6029422 A	USPAT	20000229	Antiseptic disposables and methods for medical and surgical procedures	53/431	53/425; 53/445; 53/449; 53/474	Alt; Eckhard
US 6027510 A	USPAT	20000222	Stent delivery system	606/108	606/194	Alt; Eckhard
US 6001054 A	USPAT	19991214	Method and apparatus for differential energy	600/1	378/65	Regulla; D. F. et al.

				application for local dose enhancement of ionizing radiation				
US 5980566 A	USPAT	19991109		Vascular and endoluminal stents with iridium oxide coating	623/23.7	604/198; 623/23.71		Alt; Eckhard et al.
US 5954753 A	USPAT	19990921		Implantable defibrillator with improved testing of capability to defibrillate	607/8			Alt; Eckhard et al.
US 5928269 A	USPAT	19990727		Apparatus and method for temporary atrial defibrillation with external defibrillator and implanted transvenous catheter and electrodes	607/5			Alt; Eckhard et al.
US 5876408 A	USPAT	19990302		Method for enhancing implantation of thin leads	606/129			Alt; Eckhard et al.
US 5871437 A	USPAT	19990216		Radioactive stent for treating blood vessels to prevent restenosis	600/3			Alt; Eckhard et al.
US 5868245 A	USPAT	19990209		Antiseptic disposables and methods for medical and surgical procedures	206/210	206/363; 206/438		Alt; Eckhard et al.
US 5855600 A	USPAT	19990105		Flexible implantable stent with composite design	623/1.15	606/195		Alt; Eckhard et al.
US 5843117 A	USPAT	19981201		Implantable vascular and endoluminal stents and process of fabricating the same	623/1.15	606/194; 623/901		Alt; Eckhard et al.
US 5824045 A	USPAT	19981020		Vascular and endoluminal stents	623/1.15	606/191; 623/1.46		Alt; Eckhard et al.
US 5792205 A	USPAT	19980811		Cardiac pacemaker with bidirectional communication	607/32	607/36		Alt; Eckhard et al.
US 5788979 A	USPAT	19980804		Biodegradable coating with inhibitory properties for application to biocompatible materials	424/426	424/400; 427/2.24; 427/2.25; 427/2.26; 427/2.3; 427/2.31; 523/112; 604/890.1; 604/891.1; 606/154; 623/1.1; 623/1.46; 623/920; 623/924		Alt; Eckhard et al.
US 5725559 A	USPAT	19980310		Programmably upgradable implantable	607/5	128/903; 607/31;		Alt; Eckhard et al.

				médical device		607/59	
US 5709676 A	USPAT	19980120		Synergistic treatment of stenosed blood vessels using shock waves and dissolving medication	606/7	604/20; 604/22; 606/10; 606/15; 606/2	Alt; Eckhard
US 5653734 A	USPAT	19970805		Method of atrial defibrillation employing a temporary implanted catheter	607/5		Alt; Eckhard
US 5649968 A	USPAT	19970722		Accelerometer-based rate-adaptive cardiac pacing with second generation signal processing	607/19		Alt; Eckhard et al.
US 5609613 A	USPAT	19970311		Control of pacing rate in dual-chamber, rate-adaptive pacemakers	607/19		Woodson; Drury et al.
US 5578062 A	USPAT	19961126		Defibrillator shock timing in fibrillatory cycle interval	607/5		Alt; Eckhard et al.
US 5571159 A	USPAT	19961105		Temporary atrial defibrillation catheter and method	607/122		Alt; Eckhard
US 5545182 A	USPAT	19960813		Cardioverter/defibrillator shock timing function	607/5	607/4; 607/6	Stotts; Lawrence J. et al.
US 5529579 A	USPAT	19960625		Implantable automatic difibrillator with low threshold	607/36		Alt; Eckhard et al.
US 5480416 A	USPAT	19960102		Cardiac pacemaker with universal coating	607/36	607/116	Garcia; John et al.
US 5472453 A	USPAT	19951205		Medical interventional device with accelerometer for providing cardiac therapeutic functions	607/4	607/19; 607/6	Alt; Eckhard
US 5464434 A	USPAT	19951107		Medical interventional device responsive to sudden hemodynamic change	607/6		Alt; Eckhard
US 5458622 A	USPAT	19951017		Implantable medical interventional device with shifting zones of tachycardia recognition and therapy	607/15		Alt; Eckhard
US 5447524 A	USPAT	19950905		Cardiac pacing method and apparatus responsive to multiple activity types	607/19		Alt; Eckhard
US 5433730 A	USPAT	19950718		Conductive pouch electrode for defibrillation	607/5	607/123; 607/36	Alt; Eckhard

US 5431685 A	USPAT	19950711		Implantable medical interventional device with criteria modification to enhance recognition of Tachycardia	607/6	600/518	Alt; Eckhard
US 5411527 A	USPAT	19950502		Difibrillation electrodes and implantation	607/5	600/374; 600/395; 607/120; 607/122; 607/123; 607/129	Alt; Eckhard
US 5403355 A	USPAT	19950404		Implantable medical interventional device with atrial dysrhythmia therapy for tachycardia	607/9		Alt; Eckhard
US 5370667 A	USPAT	19941206		Device and method for automatically adjusting tachycardia recognition criteria based on detected parameter	607/19		Alt; Eckhard
US 5360436 A	USPAT	19941101		Cardiac pacing responsive to multiple activity types	607/18		Alt; Eckhard et al.
US 5354317 A	USPAT	19941011		Apparatus and method for cardiac pacing responsive to patient position	607/19	600/595	Alt; Eckhard
US 5342404 A	USPAT	19940830		Implantable medical interventional device	607/6	600/595; 607/14; 607/19	Alt; Eckhard et al.
US 5143089 A	USPAT	19920901		Assembly and method of communicating electrical signals between electrical therapeutic systems and body tissue	607/121	600/374	Alt; Eckhard
US 5102403 A	USPAT	19920407		Therapeutic medical instrument for insertion into body	604/528	600/585; 604/913; 604/96.01	Alt; Eckhard
US 5044366 A	USPAT	19910903		Rate responsive cardiac pacemaker	607/18	607/19; 607/20; 607/21; 607/22; 607/25	Alt; Eckhard
US 5031615 A	USPAT	19910716		Rate responsive cardiac pacemaker	607/19	607/18; 607/21	Alt; Eckhard
US 5031614 A	USPAT	19910716		Pacemaker rate control using amplitude and frequency of activity signal	607/19	600/595; 607/18; 607/21	Alt; Eckhard
US 5014704	USPAT	19910514		Rate responsive cardiac	607/19	607/18;	Alt; Eckhard

A				pacemaker		607/20; 607/21; 607/22; 607/25	
US 5014703 A	USPAT	19910514		Rate responsive cardiac pacemaker	607/19	607/18; 607/20; 607/21; 607/22; 607/25	Alt; Eckhard
US 5014702 A	USPAT	19910514		Rate responsive cardiac pacemaker	607/19	607/18; 607/20; 607/21; 607/22; 607/25	Alt; Eckhard
US 5014700 A	USPAT	19910514		Rate responsive cardiac pacemaker	607/19	607/18; 607/20; 607/21; 607/22; 607/25	Alt; Eckhard
US 5009234 A	USPAT	19910423		For the thermodilution method of determining cardiac output	600/485	600/505; 600/549	Alt; Eckhard
US 5003976 A	USPAT	19910402		Cardiac and pulmonary physiological analysis via intracardiac measurements with a single sensor	607/18	600/484; 600/485; 607/20; 607/24	Alt; Eckhard
US 4926863 A	USPAT	19900522		Rate responsive cardiac pacemaker	607/19	607/18; 607/21	Alt; Eckhard
US 4919136 A	USPAT	19900424		Ventilation controlled rate responsive cardiac pacemaker	607/20	600/536; 600/547	Alt; Eckhard
US 4884576 A	USPAT	19891205		Self adjusting rate responsive cardiac pacemaker and method	607/18	607/20; 607/24	Alt; Eckhard
US 4846195 A	USPAT	19890711		Implantable position and motion sensor	600/595	607/19; 607/62	Alt; Eckhard
US 4803987 A	USPAT	19890214		Temperature responsive controller for cardiac pacer	607/24	607/21	Calfee; Richard V. et al.
US 4782836 A	USPAT	19881108		Rate adaptive cardiac pacemaker responsive to patient activity and temperature	607/19	607/21	Alt; Eckhard
US 4719920 A	USPAT	19880119		Exercise-responsive rate-adaptive cardiac pacemaker	607/21	600/549	Alt; Eckhard et al.
US 4688573 A	USPAT	19870825		Temperature driven rate responsive cardiac pacemaker	607/21		Alt; Eckhard